

MID UNIT

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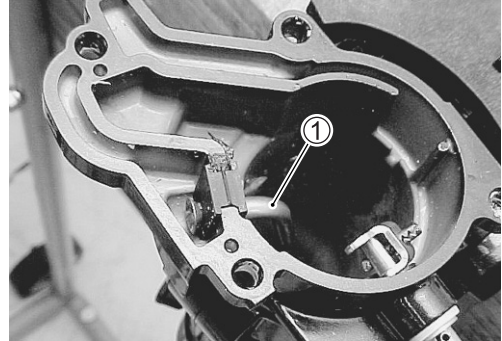
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DRIVESHAFT HOUSING/SWIVEL BRACKET/CLAMP BRACKET DISASSEMBLY

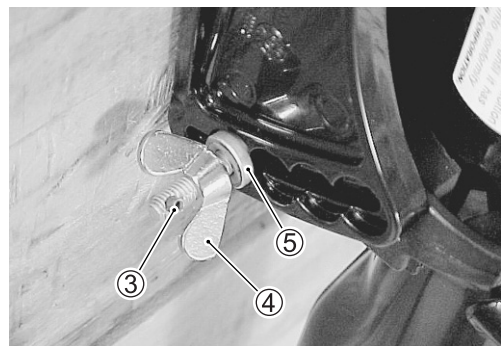
Remove the power unit. (See page 6-2.)

Remove the lower unit. (See page 8-2.)

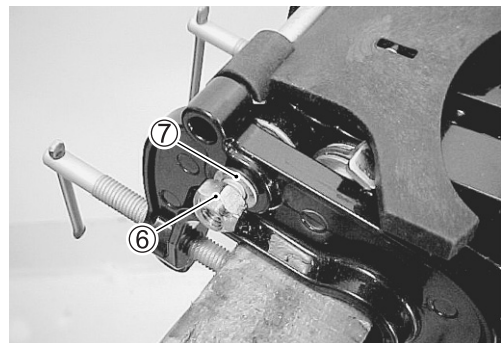
Remove the water tube ① with the grommet upside.



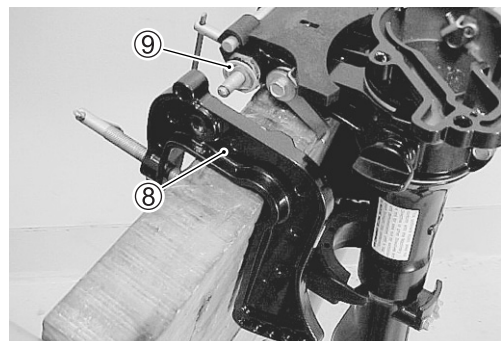
Remove the spring pin ③ and the tilt lock wing nut ④.
Remove the tilt lock spacer ⑤.



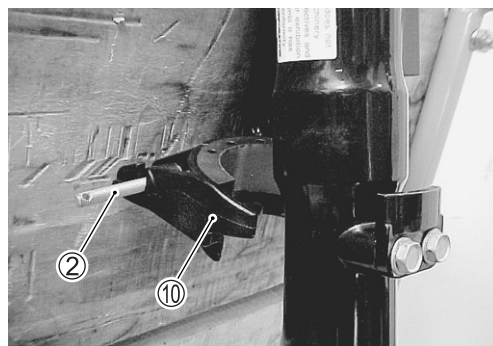
Remove the swivel shaft nut ⑥ and swivel shaft washer ⑦.



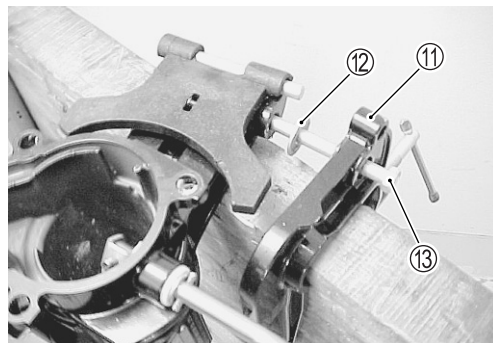
Remove the port side clamp bracket ⑧ and tilt friction washer ⑨.



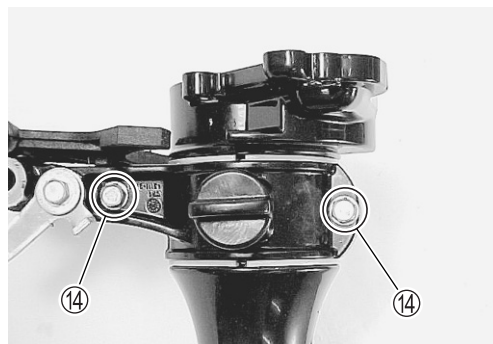
Remove the tilt lock bolt ② and the thrust block with the lower thrust mount ⑩.



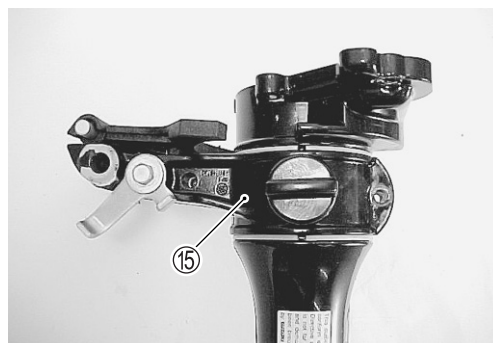
Remove the starboard side clamp bracket ⑪, the tilt friction washer ⑫ and the swivel shaft bolt ⑬.



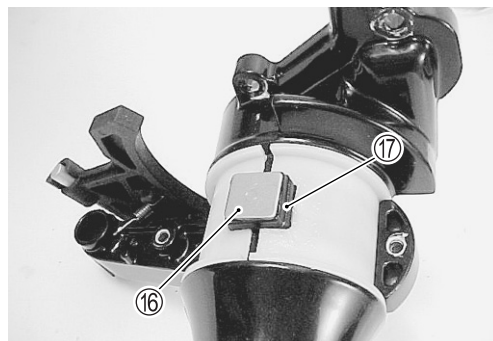
Remove the two swivel bracket bolts ⑭.



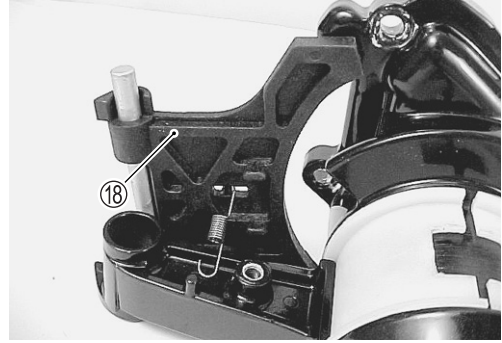
Remove the port side swivel bracket ⑮.



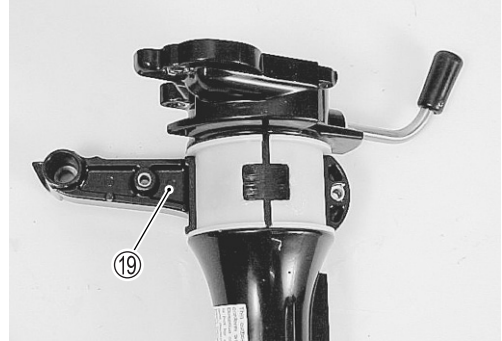
Take out the steering adjuster plate ⑯ with the steering adjuster rubber ⑰.



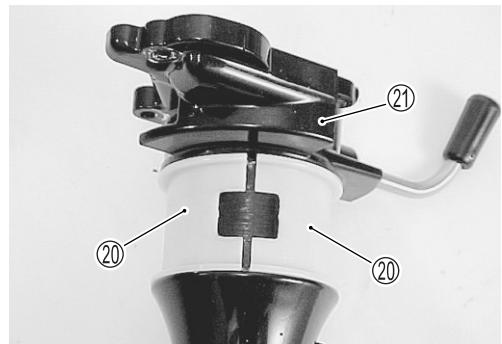
Remove the stopper bracket ⑱.



Remove the starboard side swivel bracket ⑲.



Take out the steering upper bush ⑳ from the driveshaft housing ㉑.



INSPECTION

NOTE:

If excessive wear, crack, defective or other damage is found on any component, replace.

DRIVESHAFT HOUSING

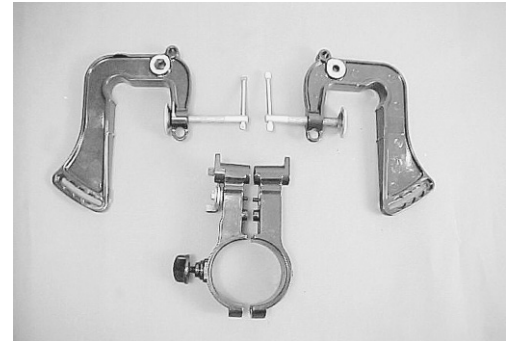
If crack or other damage is found, replace.



CLAMP BRACKET/SWIVEL BRACKET

Inspect the clamp brackets and swivel bracket.

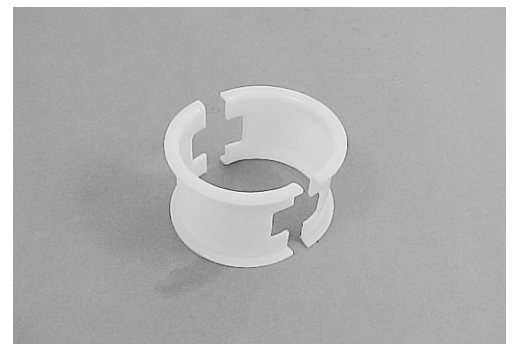
If crack or other damage is found, replace.



STEERING UPPER BUSHING

Inspect the upper bushings.

If crack, excessive wear, deterioration or other damage is found, replace.



STOPPER BRACKET/STOPPER SPRING

Inspect the stopper bracket and the stopper spring.

If crack or other damage is found, replace.



THRUST BLOCK/LOWER THRUST MOUNT

Inspect the thrust block and the lower thrust mount.

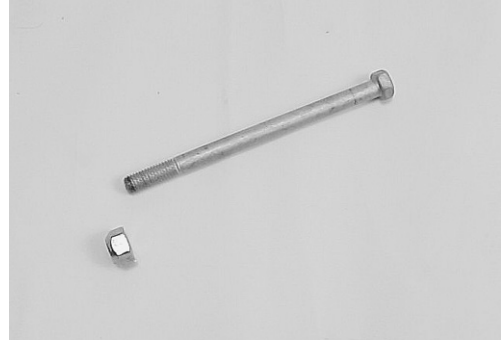
If crack, excessive wear, deterioration or other damage is found, replace.



SWIVEL SHAFT BOLT

Inspect the swivel shaft bolt.

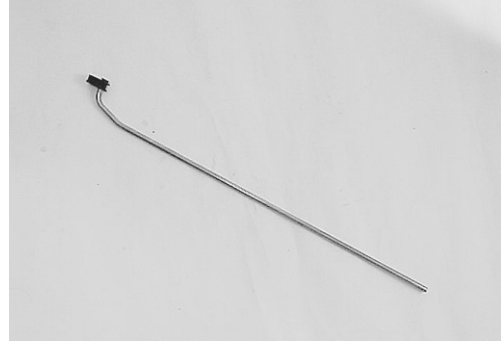
If wear, twist, bend or other damage is found, replace.



WATER TUBE

Inspect the water tube.

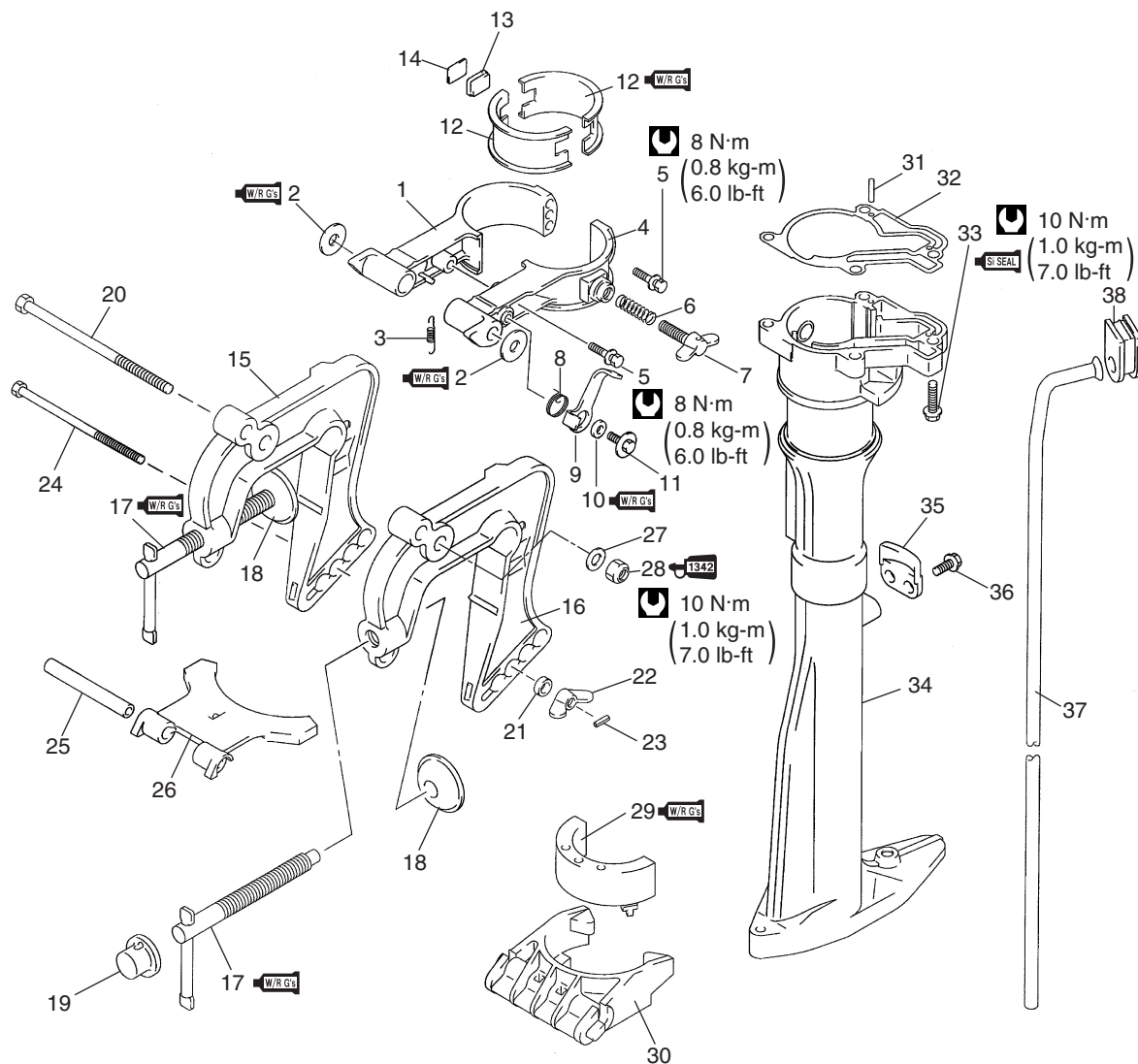
If clog, obstruction or other damage is found, clean or replace.



REASSEMBLY

Reassembly is reverse order of disassembly with the special attention to the following steps.

Consisting parts



- | | | |
|------------------------------|-----------------------------|----------------------------------|
| 1. Swivel bracket STBD | 14. Steering adjuster plate | 27. Swivel shaft washer |
| 2. Tilt friction washer | 15. Clamp bracket STBD | 28. Swivel shaft nut |
| 3. Stopper spring | 16. Clamp bracket PORT | 29. Lower thrust mount |
| 4. Swivel bracket PORT | 17. Clamp handle/screw | 30. Thrust block |
| 5. Swivel bracket bolt | 18. Clamp plate | 31. Driveshaft housing knock pin |
| 6. Steering adjuster spring | 19. Clamp handle/screw cap | 32. Driveshaft housing gasket |
| 7. Steering adjuster bolt | 20. Swivel shaft bolt | 33. Driveshaft housing bolt |
| 8. Tilt lock spring | 21. Tilt lock spacer | 34. Driveshaft housing |
| 9. Tilt lock lever | 22. Tilt lock wing nut | 35. Reverse thrust stopper |
| 10. Tilt lock lever spacer | 23. Tilt lock pin | 36. Stopper reverse thrust bolt |
| 11. Tilt lock lever bolt | 24. Tilt lock bolt | 37. Water tube |
| 12. Steering upper bushing | 25. Stopper shaft | 38. Water tube upper grommet |
| 13. Steering adjuster rubber | 26. Stopper bracket | |

DRIVESHAFT HOUSING/SWIVEL BRACKET

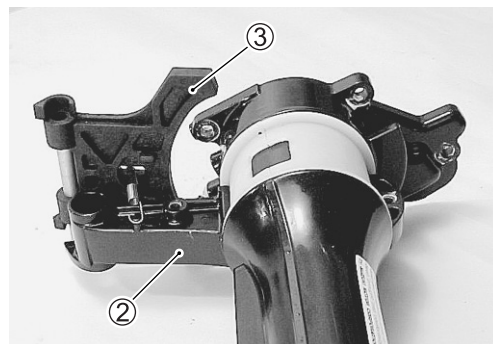
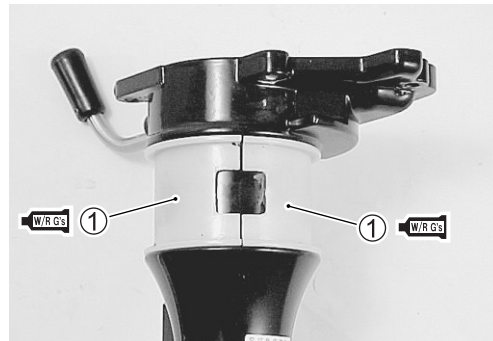
After completing reassembly of the mid unit, apply the Water Resistant Grease through grease nipple.

 **99000-25161: SUZUKI WATER RESISTANT GREASE**

- Apply the Water Resistant Grease to the following parts.
 - Inside and outside surfaces of the bushings.
 - Inside surface of the lower thrust mount
 - Steering adjuster

 **99000-25161: SUZUKI WATER RESISTANT GREASE**


- Install the steering upper bushings ① in position as shown in the figure.
- Install the swivel bracket STBD ②.
- Install the stopper bracket ③.

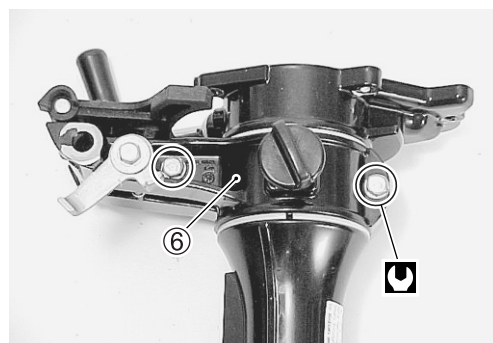


- Install the steering adjuster rubber ④ with the steering adjuster plate ⑤.



- Install the swivel bracket PORT ⑥.
- Install the two swivel bracket bolts.

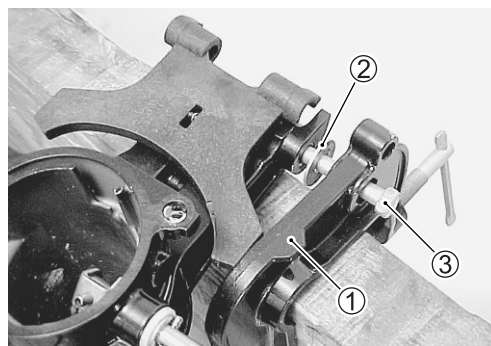
 **Swivel bracket bolt: 8 N·m (0.8 kg-m, 6.0 lb-ft)**



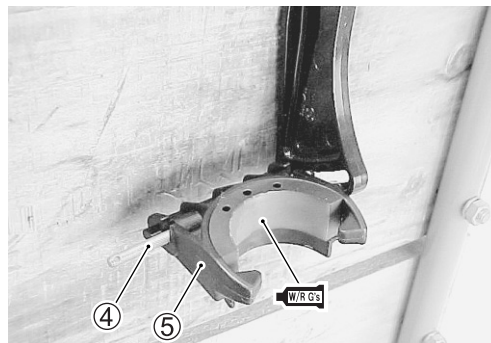
CLAMP BRACKET/THRUST BLOCK

- Apply the Water Resistant Grease to the clamp bracket through swivel shaft bolt hole.
- Install the clamp bracket starboard side ①, the tilt friction washer ② and the swivel shaft bolt ③.

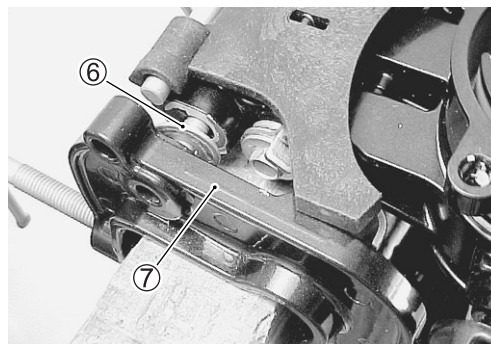
 **99000-25161: SUZUKI WATER RESISTANT GREASE**



- Install the thrust block ⑤ with the lower thrust mount and the tilt lock bolt ④.



- Install the tilt friction washer ⑥ and the clamp bracket port side ⑦.

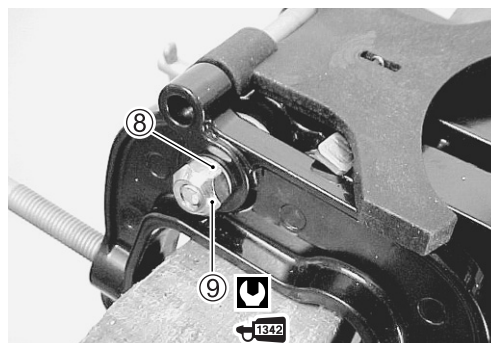


- Install the tilt friction washer ⑧ and the swivel shaft nut ⑨.
- Tighten the swivel shaft nut to the specified torque.

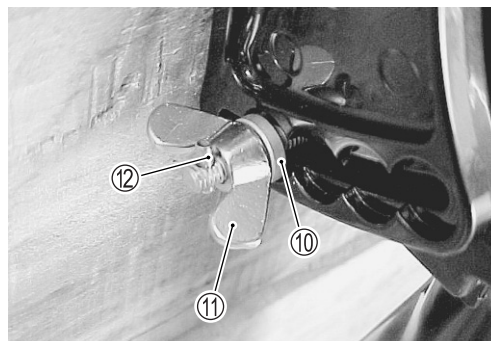
 **Swivel shaft nut: 10 N·m (1.0 kg·m, 7.0 lb·ft)**

- Apply the Thread Lock to the swivel shaft nut.

 **99000-32050: THREAD LOCK "1342"**



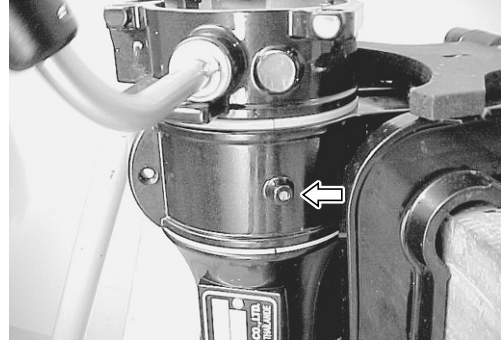
- Install the tilt lock spacer ⑩ and the tilt lock wing nut ⑪.
- Install the tilt lock pin ⑫ to the tilt lock bolt.



LUBRICATION

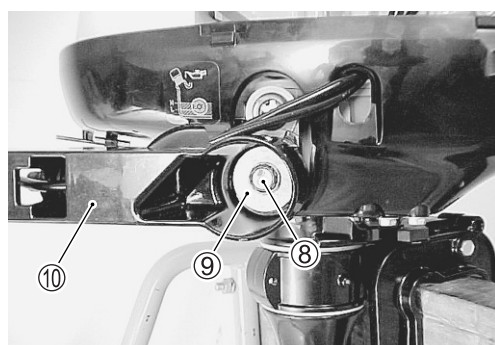
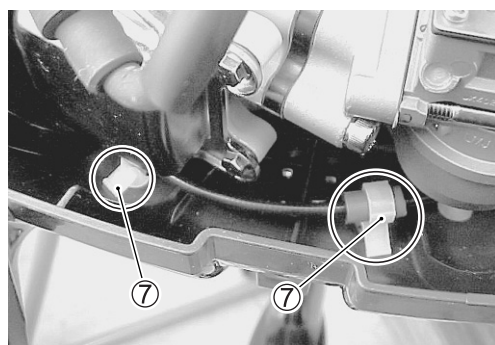
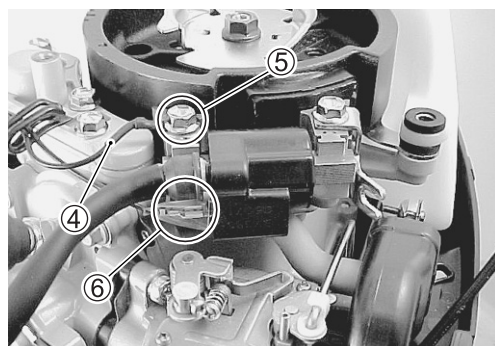
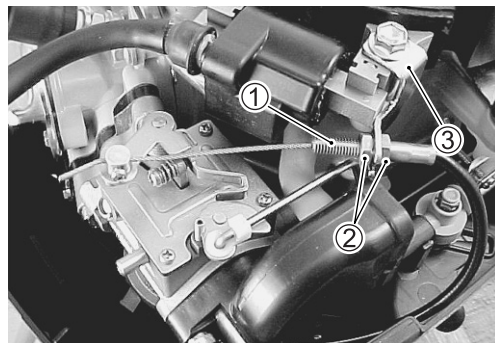
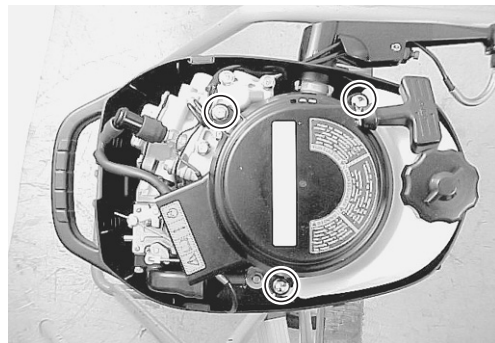
After completing reassembly of the mid unit, apply the Water Resistant Grease through grease nipple.

 **99000-25161: SUZUKI WATER RESISTANT GREASE**

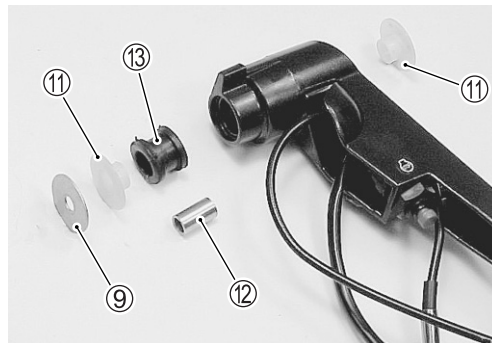


TILLER HANDLE REMOVAL

- Remove the three bolts and the recoil starter.
- Remove the throttle cable ① from the carburetor.
- Loosen the lock nuts ② and remove the throttle cable ① from the throttle cable holder ③.
- Remove the igniter unit bolt ⑤ and ground lead ④ of the emergency/engine stop switch.
- Remove the plus lead ⑥ of the emergency/engine stop switch from the igniter unit.
- Remove the throttle cable clamp ⑦.
- Remove the handle pivot bolt ⑧ and tiller handle washer ⑨.
- Remove the tiller handle ⑩.



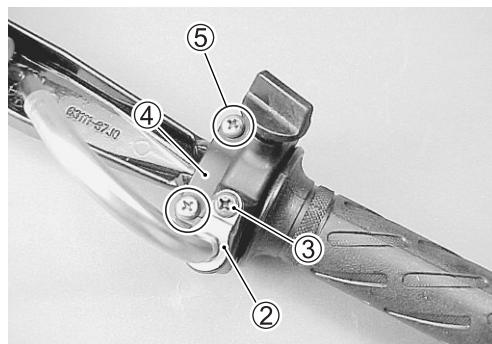
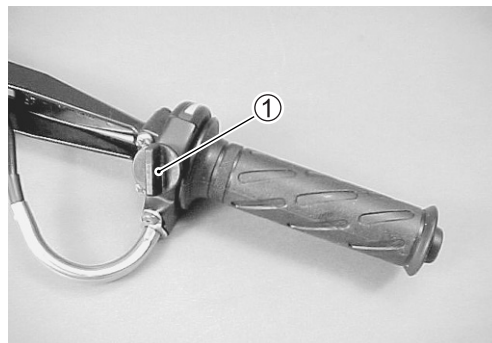
- Remove the two tiller handle bushings ⑪, the tiller handle mount ⑬ and the tiller handle spacer ⑫ from the tiller handle.



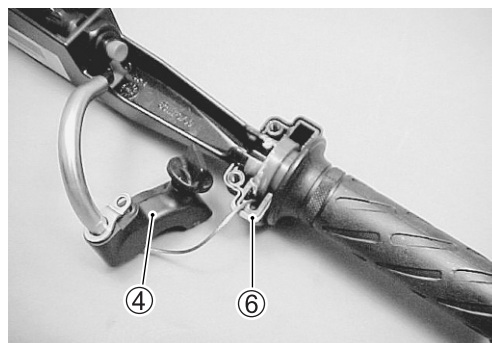
DISASSEMBLY/REASSEMBLY

DISASSEMBLY

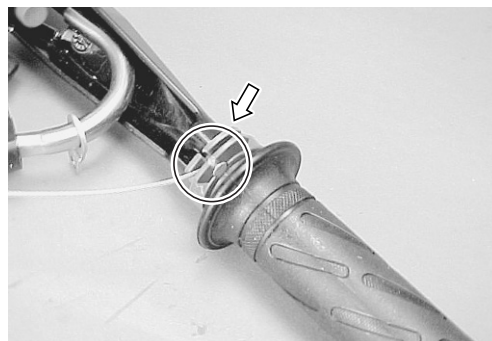
- Remove the throttle adjust knob ①.
- Remove the throttle cable screw ③ and the cable stopper ②.
- Remove the two throttle cable screws ⑤.



- Take out the throttle lower case ④ and the throttle upper case ⑥ from the tiller handle.



- Remove the throttle cable end from the tiller handle.

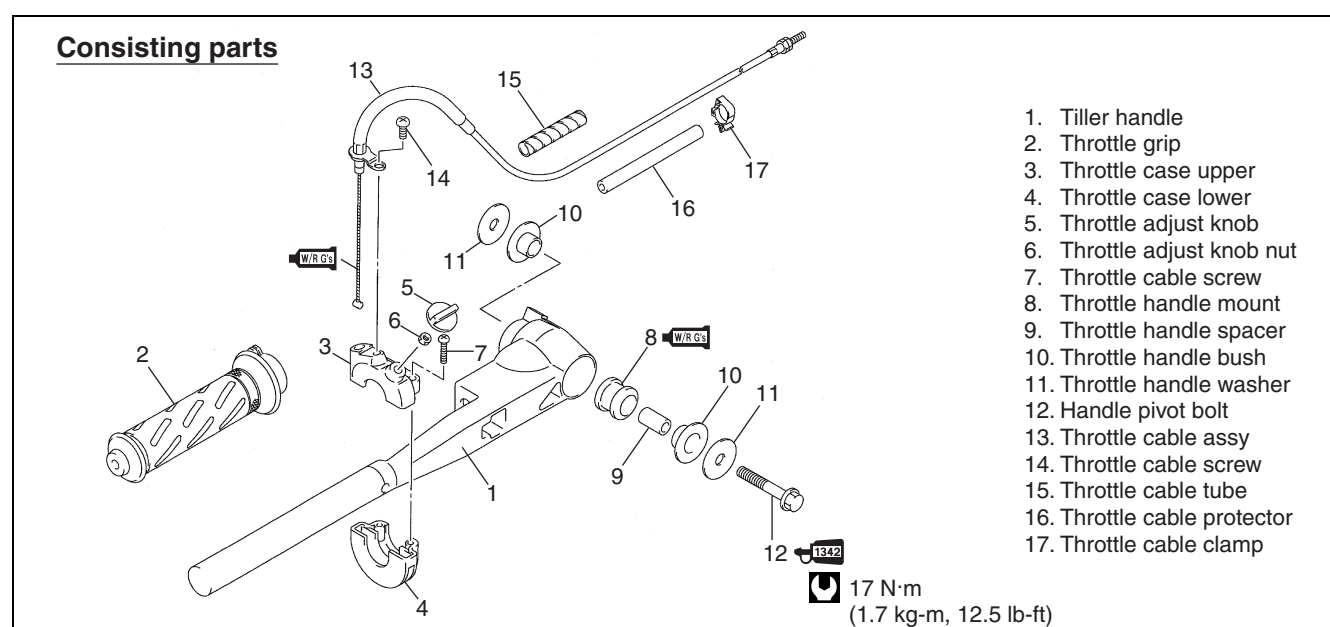


- Remove the throttle grip ⑦ from the tiller handle.



REASSEMBLY

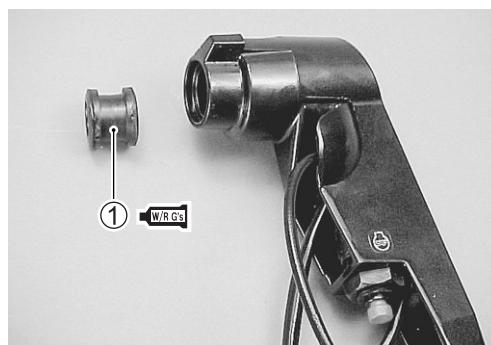
Reassembly is reverse order of disassembly with the special attention to the following steps.



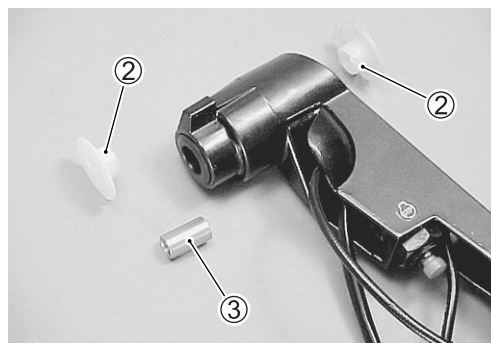
- Apply the Water Resistant Grease to the throttle handle mount ①.

W/R GS 99000-25161: SUZUKI WATER RESISTANT GREASE

- Install the throttle handle mount ① in position.

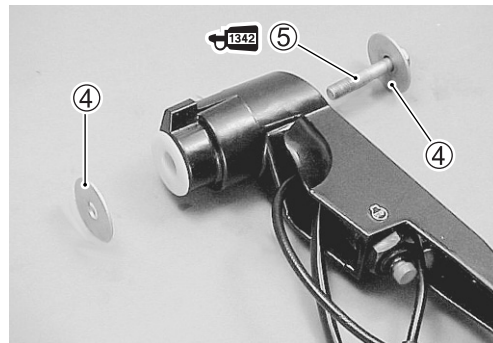


- Install the throttle handle spacer ③ and the throttle handle bushings ②.




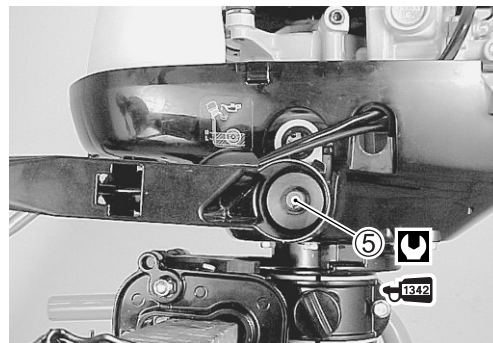
- Install the tiller handle washers ④ and the handle pivot bolt ⑤.
- Apply the Thread Lock to the handle pivot bolt.

 99000-32050: THREAD LOCK “1342”



- Tighten the tiller handle pivot bolt ⑤ to the specified torque.

 Tiller handle pivot bolt: 17 N·m (1.7 kg-m, 12.5 lb-ft)



- Install the throttle cable ⑥ to the throttle cable holder ⑧.
- Install the throttle cable ⑥ to the carburetor ⑦.
- Check that the throttle control is smoothly operated from the full closed position to the full opened position.
- Install the choke rod connector ⑩ to the carburetor ⑦.
- Install the choke rod ⑨ to the choke rod connector ⑩.
- Check that the choke control is smoothly operated from the full closed position to the opened position.

